

DIRECTORATE OF
INTELLIGENCE

Industrial Facilities
(Non-Military)

Basic Imagery Interpretation Brief

Hu-lu-tao Hydro Power Plant

Hu-lu-tao, China

DECLASS REVIEW by NIMA/DOD

*Handle via Talent - Keyhole
Channels Only*

Top Secret

WARNING

This document contains information affecting the national security of the United States within the meaning of the espionage laws U. S. Code Title 18, Sections 793, 794.

The law prohibits its transmission or the revelation of its contents in any manner to an unauthorized person, as well as its use in any manner prejudicial to the safety or interest of the United States or for the benefit of any foreign government to the detriment of the United States. It is to be seen only by personnel especially indoctrinated and authorized to receive information in the designated control channels. Its security must be maintained in accordance with regulations pertaining to TALENT-KEYHOLE Control System.

GROUP 1
EXCLUDED FROM AUTOMATIC
DOWNGRADING AND
DECLASSIFICATION

~~Approved For Release 2001/09/04 : CIA-RDP79T00909A000100010009-3~~

MINIMUM	
---------	--

10

COPIES DESTROYED

Approved For Release 2001/09/04 : CIA-RDP79T00909A000100010009-3

TITLE NPIC

TCS-18595/69

April 1969

TS/T/K

SEC.	CLASS.	LOCATION
1	1	1
2	2	2
3	3	3
4	4	4
5	5	5
6	6	6
7	7	7
8	8	8
9	9	9
10	10	10
11	11	11
12	12	12
13	13	13
14	14	14
15	15	15
16	16	16
17	17	17
18	18	18
19	19	19
20	20	20
21	21	21
22	22	22
23	23	23
24	24	24
25	25	25
26	26	26
27	27	27
28	28	28
29	29	29
30	30	30
31	31	31
32	32	32
33	33	33
34	34	34
35	35	35
36	36	36
37	37	37
38	38	38
39	39	39
40	40	40
41	41	41
42	42	42
43	43	43
44	44	44
45	45	45
46	46	46
47	47	47
48	48	48
49	49	49
50	50	50
51	51	51
52	52	52
53	53	53
54	54	54
55	55	55
56	56	56
57	57	57
58	58	58
59	59	59
60	60	60
61	61	61
62	62	62
63	63	63
64	64	64
65	65	65
66	66	66
67	67	67
68	68	68
69	69	69
70	70	70
71	71	71
72	72	72
73	73	73
74	74	74
75	75	75
76	76	76
77	77	77
78	78	78
79	79	79
80	80	80
81	81	81
82	82	82
83	83	83
84	84	84
85	85	85
86	86	86
87	87	87
88	88	88
89	89	89
90	90	90
91	91	91
92	92	92
93	93	93
94	94	94
95	95	95
96	96	96
97	97	97
98	98	98
99	99	99
100	100	100

110235

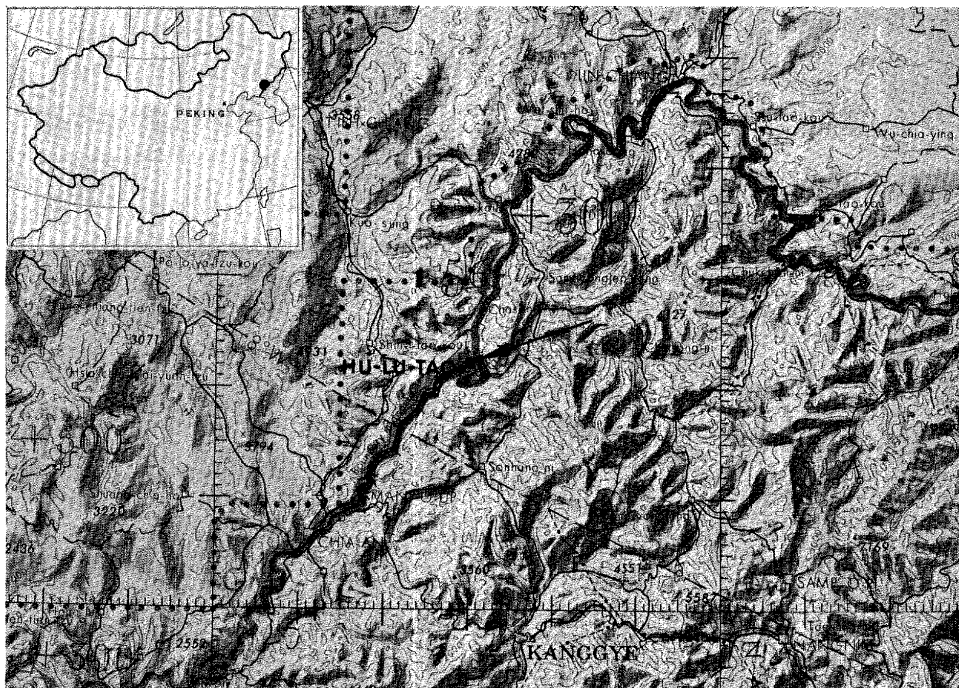
TOP SECRET RUFF
CENTRAL INTELLIGENCE AGENCY
Directorate of Intelligence
Imagery Analysis Service

BCS - 13/0224/69
TCS - 18595/69

INSTALLATION OR ACTIVITY NAME					COUNTRY	
Hu-lu-tao Hydro Power Plant					CH	
25X1A						
UTM COORDINATES	GEOGRAPHIC COORDINATES	CATEGORY	BE NUMBER	COMIREX NO.	WAC-PIC NO.	
52TBA924824	41-22-25N 126-30-30E		None	None	None	
MAP REFERENCE						
548th RTS. USATC Series 200, Sheet M0290-18HL, 4th edition, Sep 66, Scale 1:200,000 (SECRET NO FOREIGN DISSEM EXCEPT [REDACTED] CONTROLLED DISSEM)						
LATEST IMAGERY USED		NEGATION DATE (If required)				
[REDACTED]		25X1C				
		Not Required				

INTRODUCTION

The Hu-lu-tao Hydro Power Plant is located on the west bank of the Yalu River, approximately 0.5 nautical miles (nm) northwest of Hu-lu-tao, China and 0.6 nm west of the Hu-lu-tao Dam Unbong ([REDACTED])



BASIC DESCRIPTION

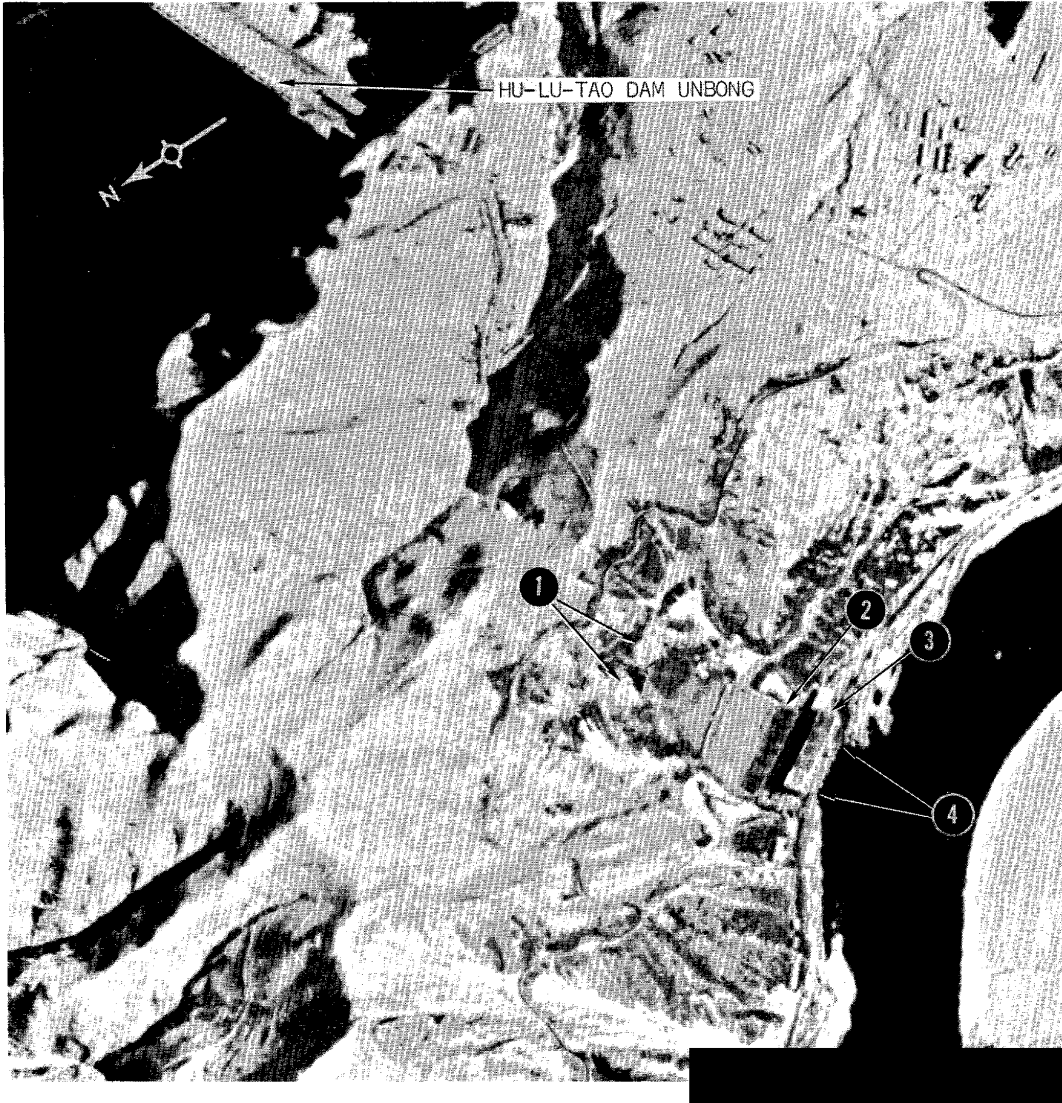
Between [REDACTED] the cut-off date of the referenced report, and [REDACTED] the surge tanks at this plant were completed and the plant became operational.

Water is supplied to the plant through two conduits from the reservoir created by the Hu-lu-tao Dam. The two water intake buildings are located about 0.3 nm north of the dam. The powerhouse has four water discharge outlets, indicating that there are four turbogenerators.

Water turbulence was observed in the tailrace on all referenced imagery except on [REDACTED]. On these dates water turbulence could not be determined because of imagery scale.

TOP SECRET RUFF

TCS - 18595/69

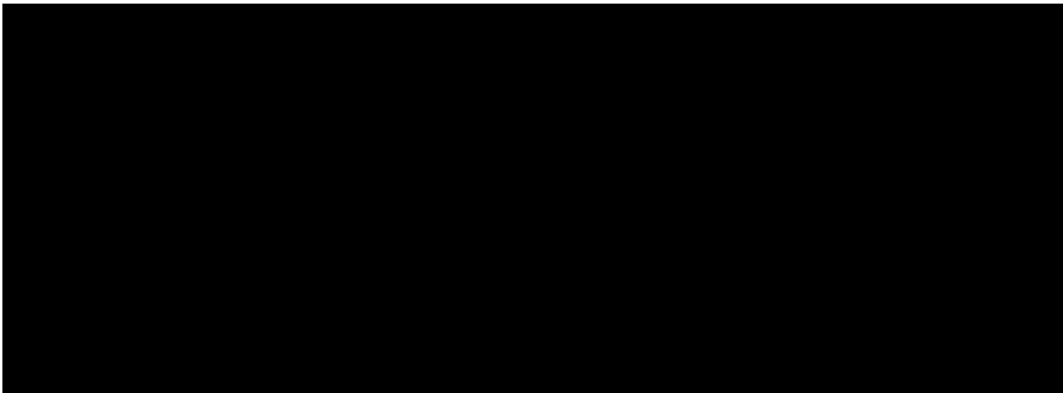


Key to Annotations

<u>Item No.</u>	<u>Description</u>	<u>Dimensions (Ft)</u>	<u>Remarks</u>
1	Surge Tanks (2)		
2	Switching Yard		
3	Powerhouse	295 x 70	4 Turbogenerator Positions
4	Water Discharge Outlets (4)		

REFERENCES

25X1D

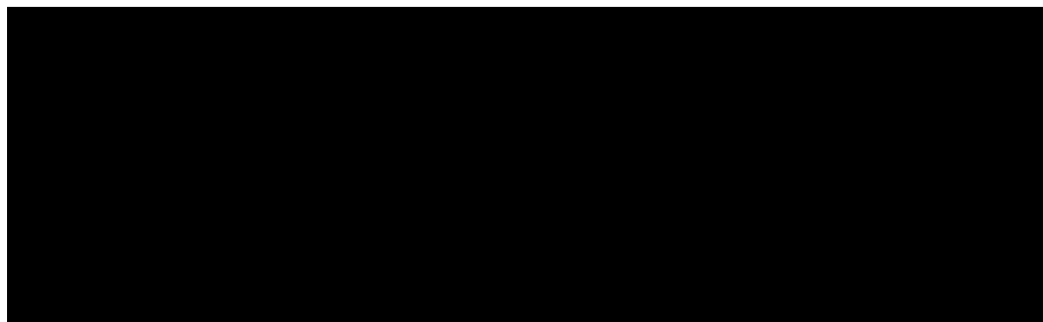


TOP SECRET RUFF

~~TOP SECRET RUFF~~

TCS - 18595/69

25X1D



Maps

25X1C

548th RTS. USATC Series 200, Sheet M0290-18HL, 4th edition, Sep 66, Scale
1:200,000 (SECRET NO FOREIGN DISSEM EXCEPT [REDACTED]
CONTROLLED DISSEM)

ACIC. USAF Operational Navigation Chart, Sheet F-9, 1st edition, Aug 66,
Scale 1:1,000,000 (UNCLASSIFIED)

Documents

CIA. PIR 65117, Chinese Power Plants, Kirin Province, Apr 66, TCS 2683/66
(TOP SECRET RUFF)

Requirement

EXSUBCOM - BR-N/002-69

~~TOP SECRET RUFF~~

Top Secret

Approved For Release 2001/09/04 : CIA-RDP79T00909A000100010009-3



Top Secret